

Dose Calculator Results

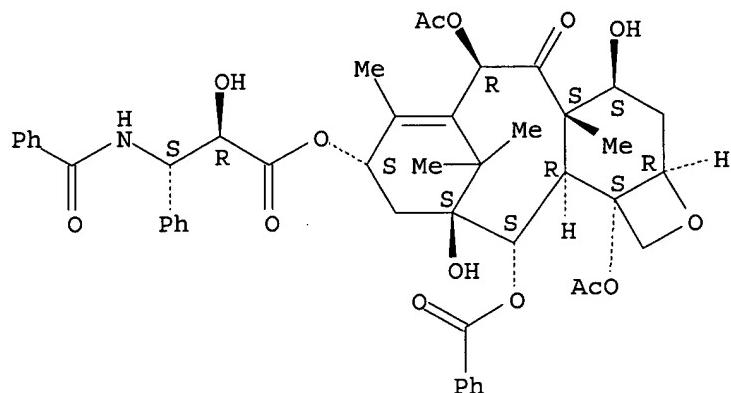
Please note that for regulatory submissions the FDA recommends the following conversion factors: Mouse = 3, Hamster = 4.1, Rat = 6, Guinea Pig = 7.7. (based on Cancer Chemother Repts 50(4):219(1966)) Multiply the conversion factor by the animal dose in mg/kg to obtain the dose in mg/m² for human dose equivalent. When both height and weight are known, human body surface area is calculated using Boyd's Formula of Body Surface Area (Boyd E. The growth of the surface area of the human body. University of Minnesota Press. 1935) . Calculations with weight alone (no height) are less accurate. All values are estimates and values above 2.25 m² are not considered accurate.

Species	Weight, kg	Est. Total Dose, mg	Dose in mg/kg	Dose in mg/m ²	Est. BSA,m ²
Human	70.00	1400.00	20.00	779.07	1.797
Mouse	0.02	0.40	20.00	60.32	0.007
Hamster	0.03	0.60	20.00	69.13	0.009
Rat	0.15	3.00	20.00	118.07	0.025
Guinea Pig	1.00	20.00	20.00	224.72	0.089
Rabbit	2.00	40.00	20.00	251.98	0.159
Cat	2.50	50.00	20.00	253.68	0.197
Monkey	3.00	60.00	20.00	244.45	0.245
Dog	8.00	160.00	20.00	357.14	0.448

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
RN 33069-62-4 REGISTRY
CN Benzenepropanoic acid, β -(benzoylamino)- α -hydroxy-,
(2aR,4S,4aS,6R,9S,11S,12S,12aR,12bS)-6,12b-bis(acetyloxy)-12-(benzoyloxy)-
2a,3,4,4a,5,6,9,10,11,12,12a,12b-dodecahydro-4,11-dihydroxy-4a,8,13,13-
tetramethyl-5-oxo-7,11-methano-1H-cyclodeca[3,4]benz[1,2-b]oxet-9-yl
ester, (α R, β S)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 7,11-Methano-1H-cyclodeca[3,4]benz[1,2-b]oxete, benzenepropanoic acid
deriv.
CN Benzenepropanoic acid, β -(benzoylamino)- α -hydroxy-,
6,12b-bis(acetyloxy)-12-(benzoyloxy)-2a,3,4,4a,5,6,9,10,11,12,12a,12b-
dodecahydro-4,11-dihydroxy-4a,8,13,13-tetramethyl-5-oxo-7,11-methano-1H-
cyclodeca[3,4]benz[1,2-b]oxet-9-yl ester, [2aR-
[2a α ,4 β ,4a β ,6 β ,9 α (α R*, β S*),11 α
,12 α ,12a α ,12b α]]-
CN Tax-11-en-9-one, 5 β ,20-epoxy-1,2 α ,4,7 β ,10 β ,13 α -
hexahydroxy-, 4,10-diacetate 2-benzoate 13-ester with (2R,3S)-N-benzoyl-3-
phenylisoserine (8CI)
OTHER NAMES:
CN ABI 007
CN Abraxane
CN BMS 181339-01
CN Capxol
CN Ebetaxel
CN Genetaxyl
CN Genexol
CN Genexol-PM
CN MBT 0206
CN NSC 125973
CN Pacliex
CN Paclitaxel
CN Plaxicel
CN QW 8184
CN TaxAlbin
CN Taxol
CN Taxol A
CN Yewtaxan
FS STEREOSEARCH
MF C47 H51 N O14
CI COM
LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*,
BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CBNB,
CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU,
DETERM*, DIOGENES, DRUGU, EMBASE, HSDB*, IFICDB, IFIUDB, IMSCOSEARCH,
IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, IPA, MEDLINE, MRCK*, MSDS-OHS,
NAPRALERT, PHAR, PIRA, PROMT, PROUSDDR, PS, RTECS*, SYNTHLINE,
TOXCENTER, USAN, USPAT2, USPATFULL, VETU
(*File contains numerically searchable property data)
DT.CA Cplus document type: Book; Conference; Dissertation; Journal; Patent;
Preprint
RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);
FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU
(Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT
(Reactant or reagent); USES (Uses)
RLD.P Roles for non-specific derivatives from patents: ANST (Analytical
study); BIOL (Biological study); FORM (Formation, nonpreparative); PREP
(Preparation); PROC (Process); PRP (Properties); RACT (Reactant or
reagent); USES (Uses)
RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological
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(Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT
(Reactant or reagent); USES (Uses)
RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical

study); BIOL (Biological study); CMBI (Combinatorial study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

Absolute stereochemistry. Rotation (-).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

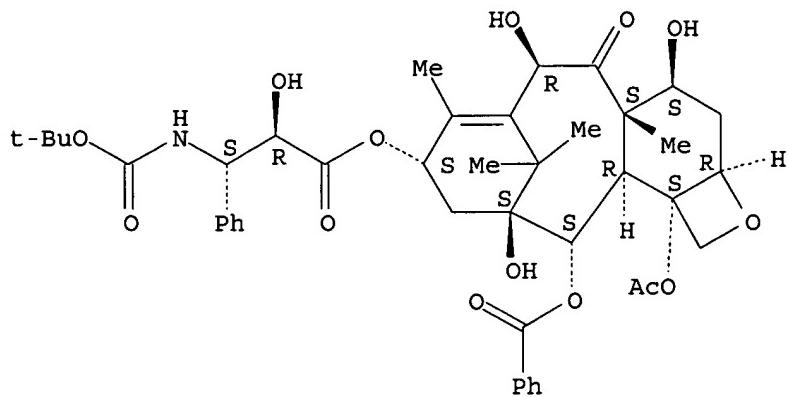
10225 REFERENCES IN FILE CA (1907 TO DATE)

539 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

10262 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
RN 114977-28-5 REGISTRY
CN Benzenepropanoic acid, β -[[(1,1-dimethylethoxy)carbonyl]amino]-
 α -hydroxy-, (2aR,4S,4aS,6R,9S,11S,12S,12aR,12bS)-12b-(acetyloxy)-12-
(benzoyloxy)-2a,3,4,4a,5,6,9,10,11,12,12a,12b-dodecahydro-4,6,11-
trihydroxy-4a,8,13,13-tetramethyl-5-oxo-7,11-methano-1H-
cyclodeca[3,4]benz[1,2-b]oxet-9-yl ester, (α R, β S)- (9CI) (CA
INDEX NAME)
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CN 7,11-Methano-1H-cyclodeca[3,4]benz[1,2-b]oxete, benzenepropanoic acid
deriv.
CN Benzenepropanoic acid, β -[[(1,1-dimethylethoxy)carbonyl]amino]-
 α -hydroxy-, 12b-(acetyloxy)-12-(benzoyloxy)-
2a,3,4,4a,5,6,9,10,11,12,12a,12b-dodecahydro-4,6,11-trihydroxy-4a,8,13,13-
tetramethyl-5-oxo-7,11-methano-1H-cyclodeca[3,4]benz[1,2-b]oxet-9-yl
ester, [2aR-[2a α ,4 β ,4a β ,6 β ,9 α (α R*, β S
*],11 α ,12 α ,12a α ,12b α] -
OTHER NAMES:
CN Docetaxel
CN N-Debenzoyl-N-tert-butoxycarbonyl-10-deacetyltaxol
CN RP 56976
CN Taxotere
FS STEREOSEARCH
DR 216252-50-5
MF C43 H53 N O14
CI COM
SR CA
LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*,
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CEN, CHEMCATS, CHEMINFORMRX, CIN, CSCHEM, DDFU, DIOGENES, DRUGU, EMBASE,
HSDB*, IMSCOSEARCH, IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, IPA, MEDLINE,
MRCK*, MSDS-OHS, PATDPASPC, PHAR, PIRA, PROMT, PROUSDDR, PS, RTECS*,
SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL
(*File contains numerically searchable property data)
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RACT (Reactant or reagent); USES (Uses)
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(Uses)
RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological
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(Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT
(Reactant or reagent); USES (Uses)
RLD.NP Roles for non-specific derivatives from non-patents: BIOL (Biological
study); MSC (Miscellaneous); PREP (Preparation); PRP (Properties); RACT
(Reactant or reagent); USES (Uses)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2635 REFERENCES IN FILE CA (1907 TO DATE)

110 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

2648 REFERENCES IN FILE CAPLUS (1907 TO DATE)